



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hiroshi CHISHIMA **Docket:** 17261
Serial No.: 10/717,867 **Examiner:** Matthew J. Ludwig
Filed: November 19, 2003 **Art Unit:** 2178
For: FUNCTION EXTENSION
TYPE BROWSER, BROWSER
COMPONENT PROGRAM
AND RECORDING MEDIUM
Confirm No: 9342

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRE-APPEAL BRIEF REQUEST FOR REVIEW

Sir:

The Applicant has filed this Pre-Appeal Brief Request for Review pursuant to the New Pre-Appeal Brief Conference Pilot Program announced in the OG of 12 July 2005 in reply to the outstanding Official Action dated August 9, 2007.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 9, 2007.

Dated: October 9, 2007

Paul J. Esatto, Jr.

REMARKS

Clear Error in the Examiner's Rejections

The Examiner commits clear error in the rejection of claims 1, 3-23, 28 and 29 under 35 U.S.C. §103(a).

The Examiner contends that Shigemi provides a proficient suggestion of a parsing technique utilized with SGML documents. This is clear error. Shigemi discloses the following operation. A script interpreter receives event messages from external sources such as a user, and manipulates these incoming messages. Next, DTD, e.g. structured documents, are read and a relationship description is associated with the DTD, providing an operator to be executed. Finally, the script of the operator is executed. (see column 14, line 60 to column 15, line 29). Shigemi does not disclose or suggest converting document data into structured document information. Instead, Shigemi discloses only that already structured data, such as SGML or XML, is merely transported (not converted), as taught, for example, in column 9, lines 24-36. Further, the script interpreter disclosed by Shigema parses and executes MIPS scripts (column 10, lines 27-35); it does not convert data into structured data. Hence, Shigema does not disclose or suggest a document parser unit for *converting document data into structured document information* as recited in independent claims 1, 20, 22, 23, 28, and 29.

The Examiner also alleges that the scripts of Shigema read on an application program and refer to an extension of markup language or meta information. This is clear error. The application program recited in the claims of the present invention is a program that enables structured document information to be referred to by a browser, or to be converted from document data into structured information.

In contrast, Shigema discloses that XML can be used as an alternative to SGML but does not disclose or suggest that XML can be used as an alternative to scripts (column 9, lines 19-22). Shigema does not disclose or suggest any relationship between scripts and XML. Thus, even assuming, *inter alia*, that the scripts of Shigema were an application program, Shigema does not disclose or suggest an application program downloaded when an information service requiring an extension of a markup language or meta-information is used, so that the application program enables the reference to structured document information or the conversion of document data into structured information as recited in the independent claims.

Thus, Shigema fails to disclose or suggest either a document parser unit for converting document data into structured document information, or a downloaded application program enabling manipulation of structured document information, and does not disclose or suggest each and every feature recited in applicant's claims.

Conclusion

Based on the above arguments and remarks, applicant respectfully submits that there are clear errors in the Examiner's rejections. Thus, applicant submits that the rejections must be reversed.

Respectfully submitted,



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